

What is claimed is:

1 1. A chain guide mounting system comprising:

2 a) a mounting surface having at least two bolt holes;

3 b) a plurality of bolts each comprising a bolt threaded section complementary to
4 the bolt hole and a bolt shaft extending from the bolt threaded section,
5 wherein the bolt is mountable in the bolt holes, and wherein nearest edges
6 of the bolt shafts of each pair of bolts, when mounted, are spaced apart by a
7 first distance; and

8 c) a chain guide having at least two bolt slots for receiving the bolts, wherein the
9 chain guide is mountable with the bolts through the bolt slots to the
10 mounting surface, nearest edges of each pair of bolt slots of the chain
11 guide, when mounted, being spaced apart by a second distance, wherein for
12 at least one pair of bolt shafts and at least one pair of bolt slots the first
13 distance is equal to or slightly smaller than the second distance such that
14 the bolt shafts contact the nearest edges of the bolt slots.

1 2. The mounting of claim 1, wherein the chain guide is under no load.

1 3. The mounting of claim 1, wherein the chain guide is under a load.

1 4. The mounting of claim 1, wherein the mounting surface is an engine housing.

1 5. The mounting of claim 1, wherein the system operates at a temperature higher than an
2 ambient temperature.

1 6. The mounting of claim 1, wherein at least one first distance is greater than the second
2 distance such that at least one of the bolt shafts does not contact the nearest edges
3 of the bolt slots.

1 7. A chain guide mounting system comprising: /

2 a) a mounting surface having at least two bolt holes spaced apart by a first distance
3 between nearest edges of the bolt holes;

- 4 b) a mounting bolt for each bolt hole, mountable in the bolt hole of the mounting
5 surface; and
- 6 c) a chain guide having a bolt slot corresponding to each bolt hole and spaced apart
7 by a second distance between nearest edges of the bolt slots by which the
8 chain guide can be mounted with the bolts to the mounting surface, wherein
9 the first distance is equal to or slightly smaller than the second distance
10 such that the bolts contact the nearest edges of the bolt slots.
- 1 8. The mounting of claim 7, wherein the chain guide is under no load.
- 1 9. The mounting of claim 7, wherein the chain guide is under a load.
- 1 10. The mounting of claim 7, wherein the mounting surface is an engine housing.
- 1 11. The mounting of claim 7, wherein the system operates at a temperature higher than an
2 ambient temperature.
- 1 12. The mounting of claim 7, wherein at least one first distance is greater than the second
2 distance such that at least one of the bolt shafts does not contact the nearest edges
3 of the bolt slots.